SYSTEM AND METHOD FOR VALIDATING INTERFACES
OF DYNAMICALLY LINKABLE COMPONENTS AND REAL-TIME PROCESS
CONTROL SYSTEM INCORPORATING THE SAME

ABSTRACT OF THE DISCLOSURE

A system for, and method of, validating an interface of a dynamically linkable component, such that one dynamically linkable

5   component can assess its interface compatibility with another. In one embodiment, the system includes: (1) a check code generator that transforms the interface of the dynamically linkable component into an interface identifier representing the interface and couples the interface identifier to the dynamically linkable component and

10   (2) a interface verifier that employs the interface identifier to determine a compatibility of the dynamically linkable component.